

Mandatory Biology Experiments



Junior Cert Science

Mandatory Biology Experiments

- OB3 Qualitative food tests for starch, reducing sugar, protein and fat.
- OB5 Investigate the conversion of chemical energy in food to heat energy.
- OB8 Investigate the action of amylase on starch; identify the substrate, product and enzyme.
- OB11 Carry out qualitative tests to compare the carbon dioxide levels of inhaled and exhaled air.
- OB39 Investigate the variety of living things by direct observation of animals and plants in their environment; classify living organisms as plants or animals, and animals as vertebrates or invertebrates.
- OB44 Prepare a slide from plant tissue and sketch the cells under magnification.
- OB49 Show that starch is produced by a photo-synthesising plant.
- OB58 Investigate the conditions necessary for germination
- OB59 Study a local habitat, using appropriate instruments and simple keys to show the variety and distribution of named organisms.
- OB65 Investigate the presence of micro-organisms in air and soil

OB3 carry out qualitative food tests for starch,
reducing sugar, protein and fat

OB5 investigate the conversion of chemical
energy in food to heat energy

OB8 investigate the action of amylase on starch;
identify the substrate, product and enzyme

OB11 carry out qualitative tests to compare the
carbon dioxide levels of inhaled and
exhaled air

OB39 investigate the variety of living things by direct observation of animals and plants in their environment; classify living organisms as plants or animals, and animals as vertebrates or invertebrates

OB44 prepare a slide from plant tissue and sketch the cells under magnification

OB49 show that starch is produced by a
photosynthesising plant

OB58 investigate the conditions necessary for
germination

OB59 study a local habitat, using appropriate instruments and simple keys to show the variety and distribution of named organisms

OB65 investigate the presence of micro-organisms in air and soil